

FIG. 1

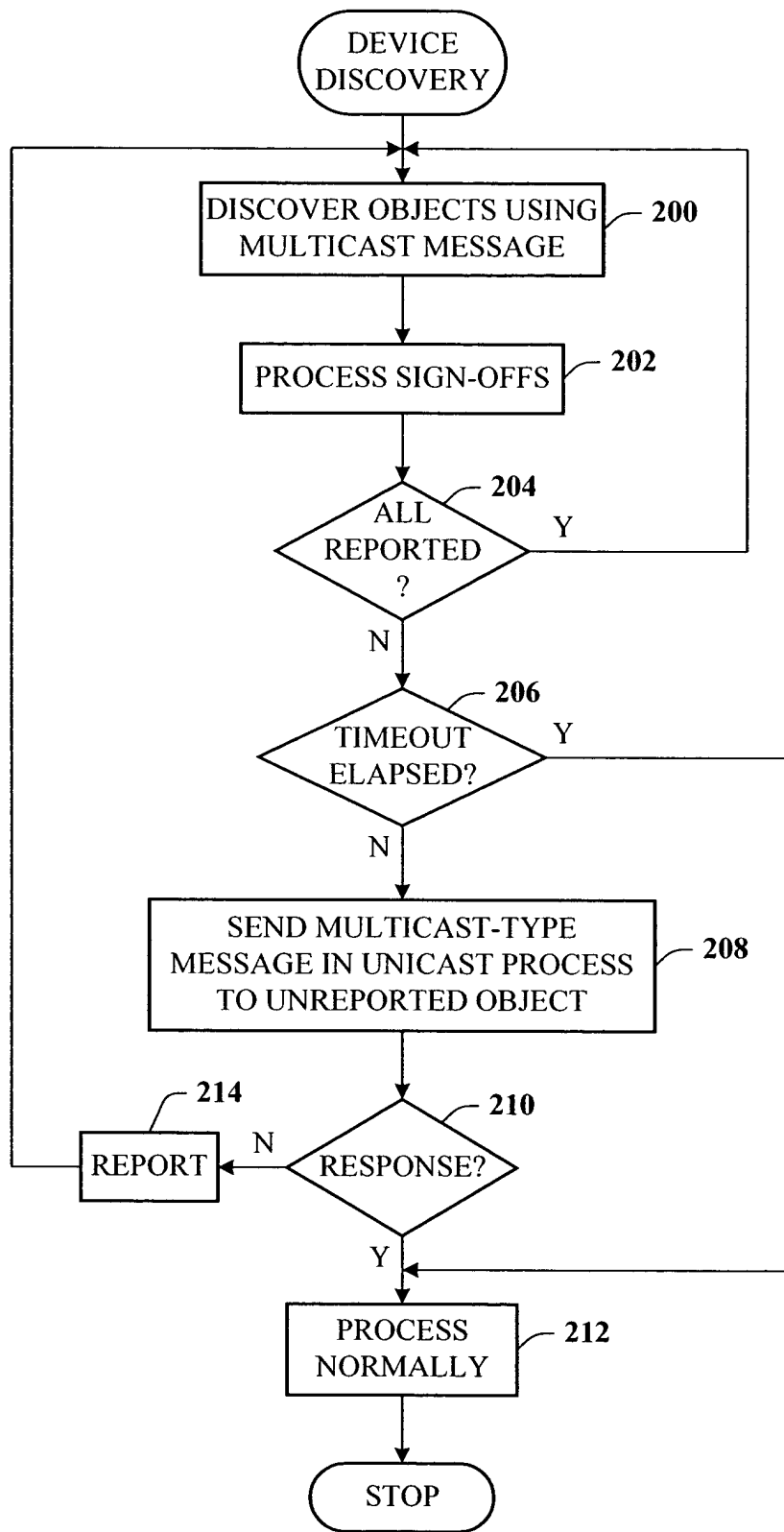


FIG. 2

↙ 300

UPnP VENDOR		<u>302</u>	
UPnP FORUM		<u>304</u>	
UPnP DEVICE ARCHITECTURE		<u>306</u>	
HTTPMU (MULTICAST)	<u>308</u>	<div>GENA</div> <div>SSDP</div>	<div> HTTPU (UNICAST) <div>SSDP</div> </div> <div> SOAP <div>HTTP</div> </div> <div> <u>312</u> <div>HTTP</div> <div>GENA</div> </div>
UDP		<u>314</u>	TCP <u>316</u>
IP		<u>318</u>	

FIG. 3A

UPnP VENDOR		<u>302</u>
UPnP FORUM		<u>304</u>
UPnP DEVICE ARCHITECTURE		<u>306</u>
HTTPMU (MULTICAST)	<u>308</u>	<div>GENA</div> <div>SSDP</div>
HTTPMU (MULTICAST)		<u>320</u>
UDP		<u>314</u>
IP		<u>318</u>

FIG. 3B

322

	NT	USN
1	ROOT DEVICE UUID	ROOT DEVICE UUID
2	DEVICE TYPE: DEVICE VERSION	ROOT DEVICE UUID AND :: AND DEVICE TYPE: DEVICE VERSION
3	UPNP: ROOTDEVICE	ROOT DEVICE UUID AND :: AND UPNP:ROOTDEVICE

324

	NT	USN
1	EMBEDDED DEVICE UUID	EMBEDDED DEVICE UUID
2	DEVICE TYPE: DEVICE VERSION	EMBEDDED DEVICE UUID AND :: AND DEVICE TYPE: DEVICE VERSION

326

	NT	USN
1	SERVICE TYPE: SERVICE VERSION	ENCLOSING DEVICE UUID AND :: AND SERVICE TYPE: SERVICE VERSION

FIG. 3C

328

UPnP VENDOR		<u>302</u>
UPnP FORUM		<u>304</u>
UPnP DEVICE ARCHITECTURE		<u>306</u>
HTTPU <u>330</u> (UNICAST)	SSDP	HTTPU <u>332</u> (UNICAST) SSDP
UDP		<u>314</u>
IP		<u>318</u>

FIG. 3D

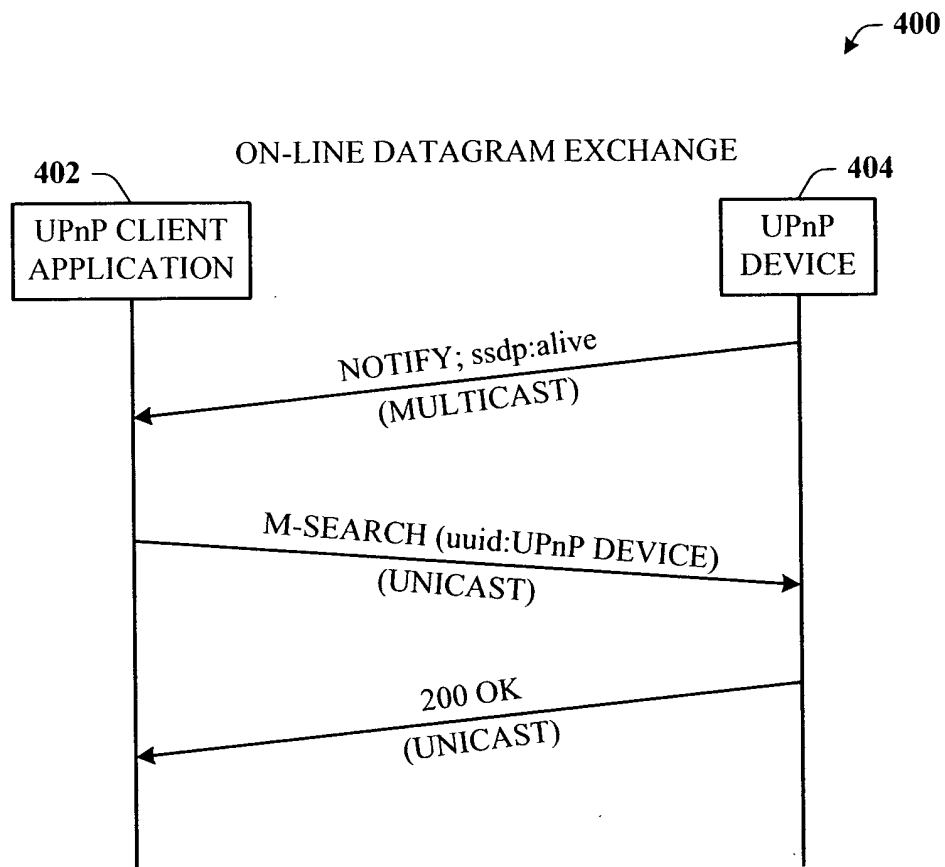


FIG. 4

500

DEVICE OFF-LINE DATAGRAM EXCHANGE

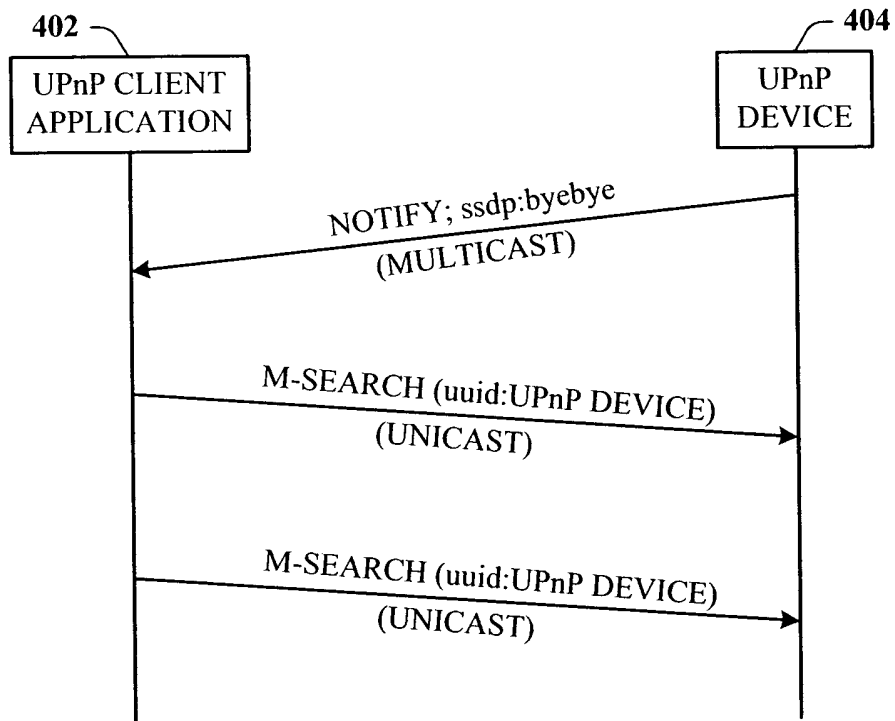


FIG. 5

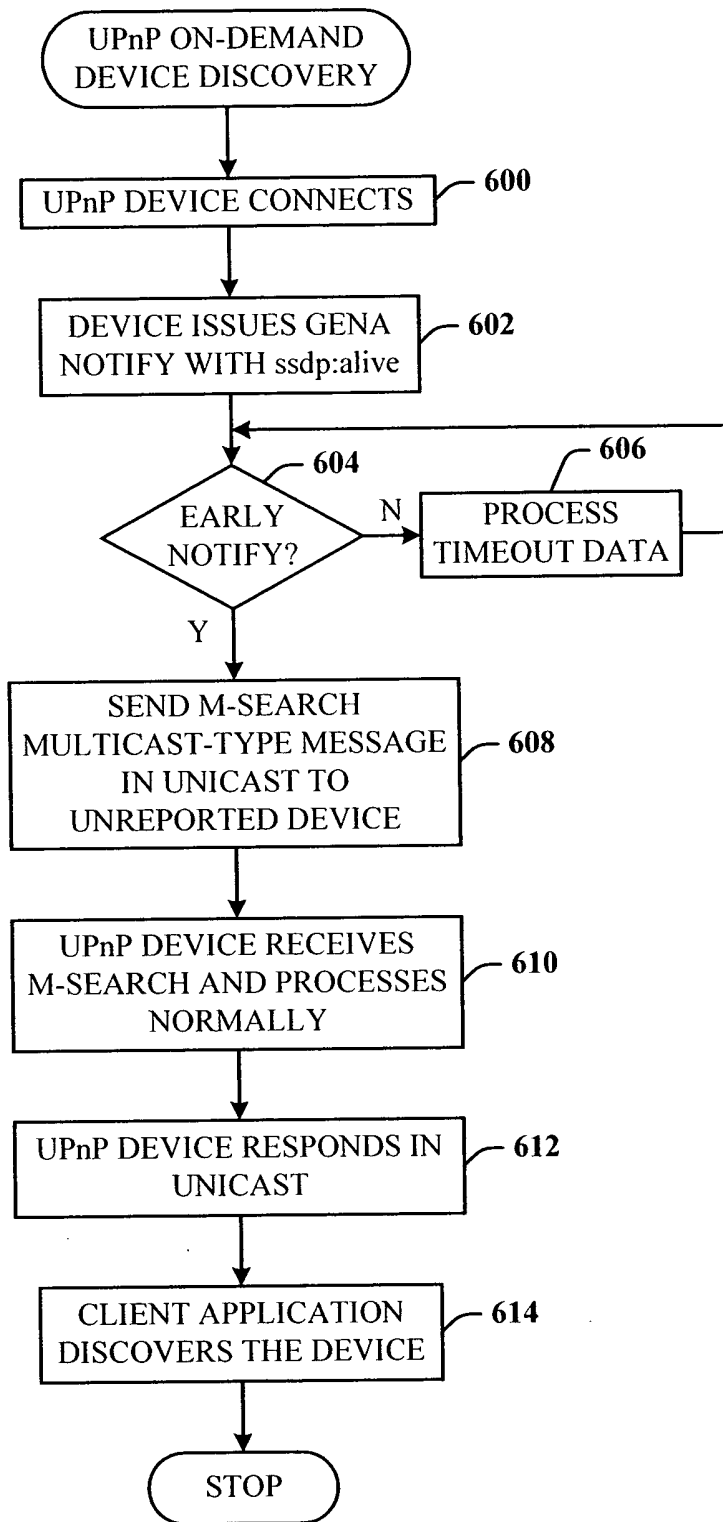


FIG. 6

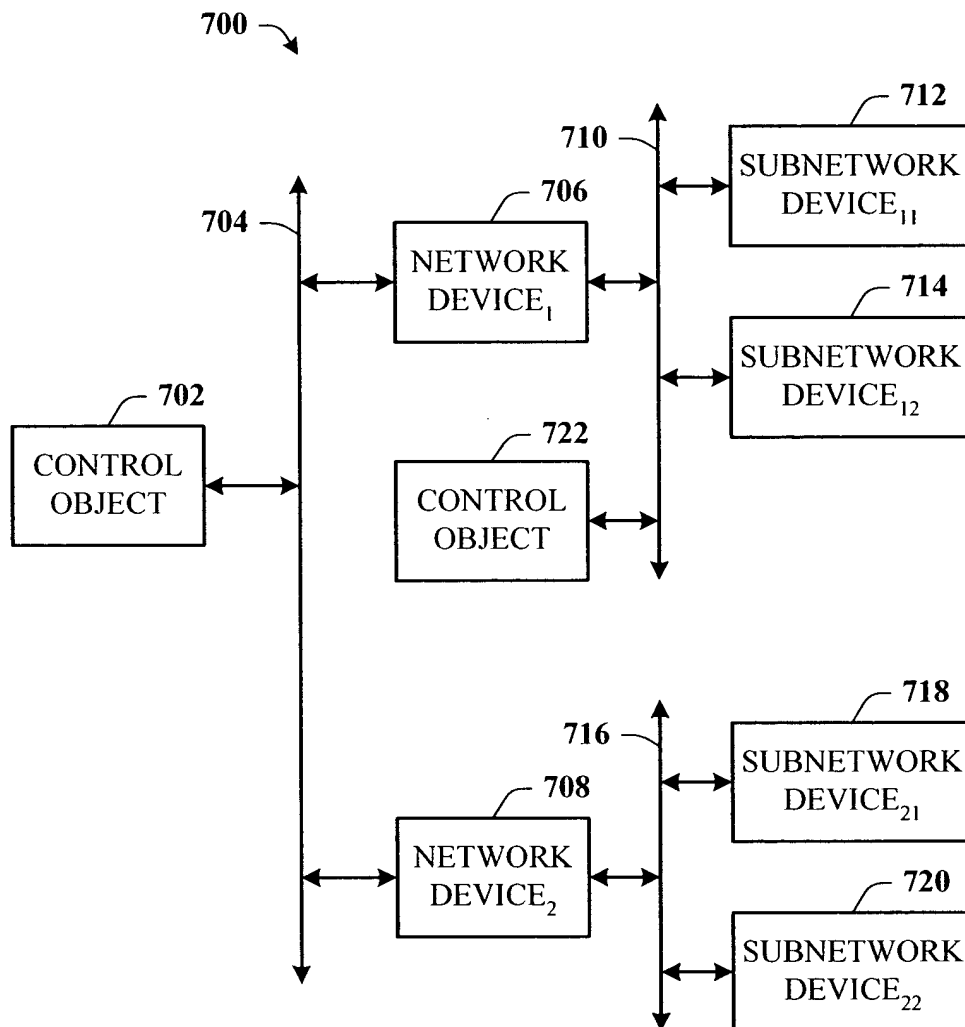


FIG. 7

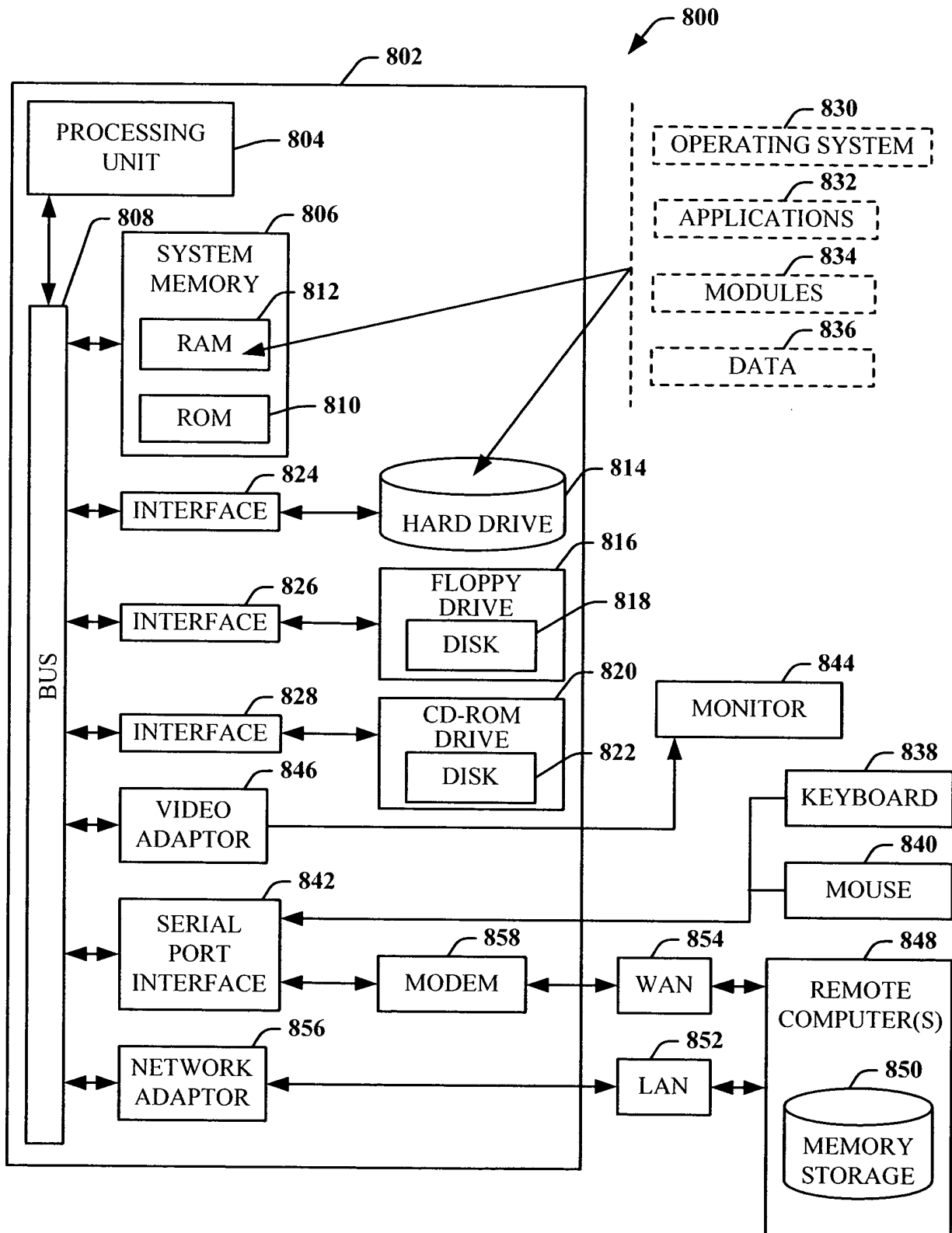


FIG. 8

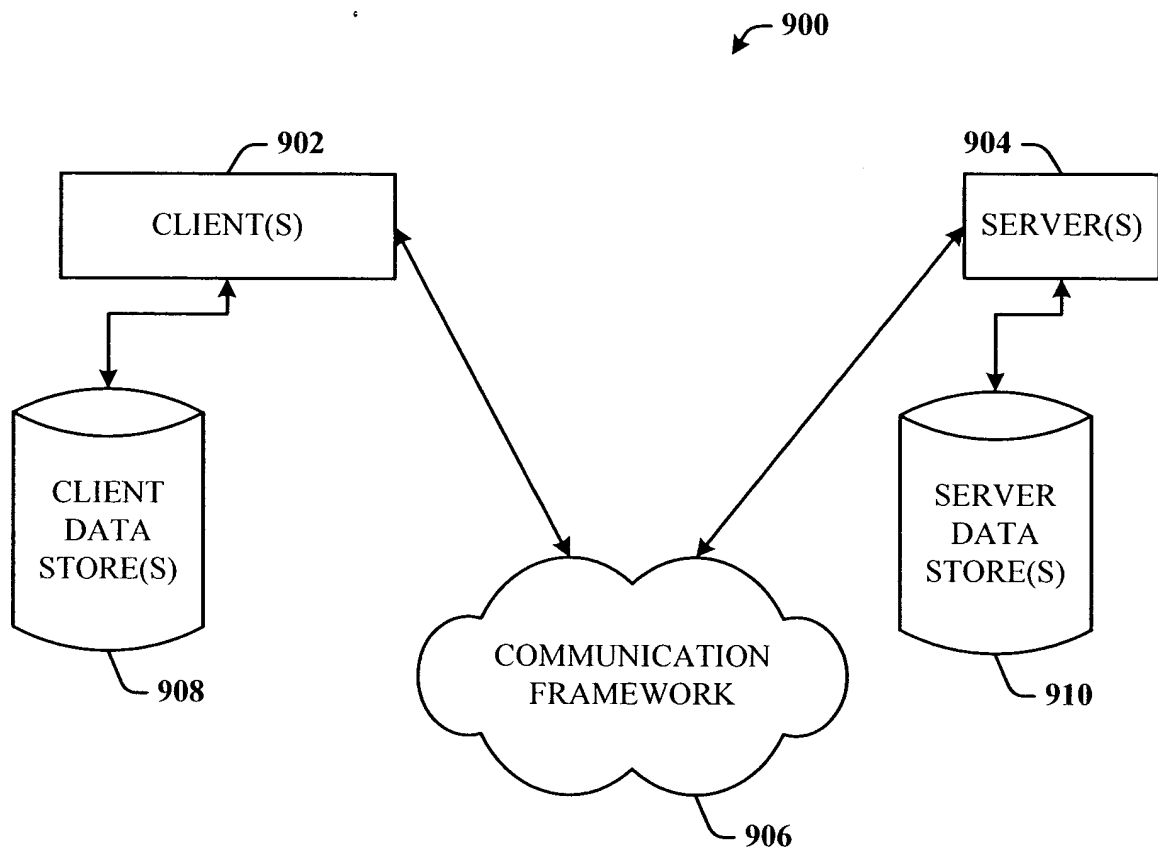


FIG. 9